

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|-----------------|------------------|---------|------------------|
| L15   | 1     | "20030122233".pn.   | US-PGPUB; USPAT | OR               | ON      | 2012/03/21 15:19 |
| L16   | 1     | "20040164302".pn.   | US-PGPUB; USPAT | OR               | ON      | 2012/03/21 15:21 |
| S1    | 1     | "20080224831".pn.   | US-PGPUB; USPAT | OR               | OFF     | 2008/10/06 09:55 |
| S2    | 50    | ("5748868" "6292830" "6476046" "20070205867" "4526335" "4869007" "5194658" "5224203" "5288046" "5482779" "5523618" "5690783" "5721178" "5783871" "5825045" "5880675" "5909900" "6126056" "6184918" "6255120" "6258535" "6262249" "6265198" "6268146" "6274312" "6280963" "6281345" "6281375" "6284515" "6287765" "6291224" "6300091" "6303749" "6312902" "6312924" "6313269" "6320039" "6323366" "6326472" "6331413" "6333182" "6337387" "6342215" "6342373" "6342581" "6344342" "6344549" "6346405" "6347723" "6348328").pn. | US-PGPUB; USPAT | OR               | OFF     | 2008/10/06 10:43 |
| S3    | 2305  | (RFID transponder tag (radio adj frequency adj identification) (smart adj card)) and film and antenna and capacitor   | US-PGPUB; USPAT | OR               | OFF     | 2008/10/06 14:02 |
| S4    | 936   | S3 and @ad<="20040409"  | US-PGPUB; USPAT | OR               | OFF     | 2008/10/06 14:03 |
| S5    | 492   | S4 and (package carton box)   | US-PGPUB; USPAT | OR               | OFF     | 2008/10/06 14:10 |
| S6    | 303   | S5 and (reader interrogator)  | US-PGPUB; USPAT | OR               | OFF     | 2008/10/06 14:11 |
| S7    | 12351 | (RFID transponder tag (radio adj frequency adj identification) (smart adj card)) and ((inventory product) same manage\$4)   | US-PGPUB; USPAT | OR               | OFF     | 2008/10/06 15:29 |
| S8    | 6019  | S7 and @ad<="20040409"  | US-PGPUB; USPAT | OR               | OFF     | 2008/10/06 15:30 |
| S9    | 2594  | S8 and (reader interrogator)  | US-PGPUB; USPAT | OR               | OFF     | 2008/10/06 15:30 |
| S10   | 27    | (US-20080224831-\$ or US-20070205867-\$ or US-20050149414-\$ or US-20050149391-\$ or US-20050149387-\$ or US-20050128086-\$ or US-20050114154-\$ or US-20040174257-\$ or US-20040164302-\$  | US-PGPUB; USPAT | OR               | OFF     | 2008/10/06 16:16 |

|     |      |  |                 |    |     |                  |
|-----|------|--|-----------------|----|-----|------------------|
|     |      | or US-20040128246-\$ or US-20040124983-\$ or US-20040103043-\$ or US-20040103034-\$ or US-20040100384-\$ or US-20040100383-\$ or US-20040100380-\$ or US-20030184495-\$ or US-20030122233-\$ or US-20030116790-\$ or US-20030075746-\$ or US-20020067267-\$ or US-20020041234-\$).did. or (US-5748868-\$ or US-7259678-\$ or US-6982640-\$ or US-6774470-\$ or US-6325294-\$).did. |                 |    |     |                  |
| S11 | 5    | S10 and transistor   | US-PGPUB; USPAT | OR | OFF | 2008/10/06 16:16 |
| S12 | 18   | (RFID transponder (radio adj frequency adj identification) (smart adj tag) tag) and transistor   | US-PGPUB; USPAT | OR | OFF | 2008/10/06 16:32 |
| S13 | 287  | thin same film same transistor same antenna  | US-PGPUB; USPAT | OR | OFF | 2008/10/06 16:34 |
| S14 | 63   | S13 and @ad<="20040409"  | US-PGPUB; USPAT | OR | OFF | 2008/10/06 16:34 |
| S15 | 813  | (RFID transponder (radio adj frequency adj identification) (smart adj tag) tag) and (resonance near2 circuit)  | US-PGPUB; USPAT | OR | OFF | 2008/10/06 16:46 |
| S16 | 236  | S15 and transistor   | US-PGPUB; USPAT | OR | OFF | 2008/10/06 16:46 |
| S17 | 118  | S16 and @ad<="20040409"  | US-PGPUB; USPAT | OR | OFF | 2008/10/06 16:46 |
| S18 | 385  | (RFID transponder (radio adj frequency adj identification) (smart adj tag) tag) and (resonance near2 circuit) and (container box enclosure package)  | US-PGPUB; USPAT | OR | OFF | 2008/10/06 16:51 |
| S19 | 169  | S18 and @ad<="20040409"  | US-PGPUB; USPAT | OR | OFF | 2008/10/06 16:51 |
| S20 | 1    | "6304182".pn.  | US-PGPUB; USPAT | OR | OFF | 2008/10/06 17:12 |
| S21 | 1    | "20030071731".pn.  | US-PGPUB; USPAT | OR | OFF | 2008/10/07 09:42 |
| S22 | 480  | (RFID transponder (radio adj frequency adj identification) (smart adj tag) tag) and (relay same antenna) and (container box enclosure package)   | US-PGPUB; USPAT | OR | OFF | 2008/10/07 09:45 |
| S23 | 244  | S22 and @ad<="20040409"  | US-PGPUB; USPAT | OR | OFF | 2008/10/07 09:45 |
| S24 | 1342 | (RFID transponder tag) and (thin with film with transistor)  | US-PGPUB; USPAT | OR | OFF | 2008/10/07 10:15 |
| S25 | 669  | S24 and antenna  | US-PGPUB; USPAT | OR | OFF | 2008/10/07 10:15 |
| S26 | 92   | S25 and @ad<="20040409"  | US-             | OR | OFF | 2008/10/07       |

|     |      |   |                                  |    |     |                     |
|-----|------|---|----------------------------------|----|-----|---------------------|
|     |      |   | PGPUB;<br>USPAT                  |    |     | 10:15               |
| S27 | 38   | (US-20080224831-\$ or US-20070205867-\$ or US-20050149414-\$ or US-20050149391-\$ or US-20050149387-\$ or US-20050128086-\$ or US-20050114154-\$ or US-20040174257-\$ or US-20040164302-\$ or US-20040128246-\$ or US-20040124983-\$ or US-20040103043-\$ or US-20040103034-\$ or US-20040100384-\$ or US-20040100383-\$ or US-20040100380-\$ or US-20030184495-\$ or US-20030122233-\$ or US-20030116790-\$ or US-20030075746-\$ or US-20020067267-\$ or US-20020041234-\$ or US-20030122479-\$ or US-20050001718-\$ or US-20040159708-\$ or US-20030071731-\$).did. or (US-20050190072-\$ or US-20040217867-\$ or US-20040135691-\$ or US-20050199731-\$ or US-20040245519-\$ or US-20040241934-\$).did. or (US-5748868-\$ or US-7259678-\$ or US-6982640-\$ or US-6774470-\$ or US-6325294-\$ or US-6304182-\$).did. | US-<br>PGPUB;<br>USPAT           | OR | OFF | 2008/10/07<br>10:47 |
| S28 | 8    | S27 and (antenna adj coil) and capacitor  | US-<br>PGPUB;<br>USPAT           | OR | OFF | 2008/10/07<br>10:48 |
| S29 | 6    | S27 and induction   | US-<br>PGPUB;<br>USPAT           | OR | OFF | 2008/10/07<br>11:41 |
| S30 | 32   | S27 and (reader interrogator)   | US-<br>PGPUB;<br>USPAT           | OR | OFF | 2008/10/07<br>12:01 |
| S31 | 877  | (RFID transponder (radio adj frequency adj identification) (smart adj tag) tag) and (relay same antenna)  | US-<br>PGPUB;<br>USPAT           | OR | OFF | 2008/10/07<br>12:11 |
| S32 | 539  | S31 and @ad<="20040409"   | US-<br>PGPUB;<br>USPAT           | OR | OFF | 2008/10/07<br>12:12 |
| S33 | 1317 | 340/572.7.ccls.   | US-<br>PGPUB;<br>USPAT           | OR | OFF | 2008/10/07<br>13:54 |
| S34 | 5    | ((("20040217867") or ("20040245519") or ("20030116790") or ("20050128086") or ("20030071731"))).PN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/10/07<br>13:56 |
| S35 | 5    | ((("2003214774") or ("2002094639") or ("7126552") or ("20020094639") or ("6133835") or ("6509217") or ("6168829"))).PN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/03/13<br>17:39 |
| S36 | 6    | ((("20030214774") or ("20020094639") or ("7126552") or ("20020094639") or ("6133835") or ("6509217") or ("6168829"))).PN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/03/13<br>17:41 |
| S37 | 6    | ((("20030214774") or ("20020946390") or ("7126552") or ("20020094639") or ("6133835") or ("6509217") or ("6168829"))).PN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/03/13<br>17:42 |
| S38 | 46   | (US-20080224831-\$ or US-20070205867-\$ or US-20050149414-\$ or US-20050149391-\$ or US-20050149387-\$ or US-   | US-<br>PGPUB;<br>USPAT           | OR | ON  | 2009/08/27<br>14:30 |

|     |       |  |                        |    |     |                  |
|-----|-------|--|------------------------|----|-----|------------------|
|     |       | 20050128086-\$ or US-20050114154-\$ or US-20040174257-\$ or US-20040164302-\$ or US-20040128246-\$ or US-20040124983-\$ or US-20040103043-\$ or US-20040103034-\$ or US-20040100384-\$ or US-20040100383-\$ or US-20040100380-\$ or US-20030184495-\$ or US-20030122233-\$ or US-20030116790-\$ or US-20030075746-\$ or US-20020067267-\$ or US-20020041234-\$ or US-20030122479-\$ or US-20050001718-\$ or US-20040159708-\$ or US-20030071731-\$).did. or (US-20050190072-\$ or US-20040217867-\$ or US-20040135691-\$ or US-20050199731-\$ or US-20040245519-\$ or US-20040241934-\$ or US-20040021572-\$ or US-20030174099-\$ or US-20020041233-\$ or US-20020094639-\$).did. or (US-5748868-\$ or US-7259678-\$ or US-6982640-\$ or US-6774470-\$ or US-6325294-\$ or US-6304182-\$ or US-7126552-\$ or US-6509217-\$ or US-6168829-\$ or US-6133835-\$).did. |                        |    |     |                  |
| S39 | 11827 | (RFID tag (radio adj frequency) transponder (smart adj card)) and (interrogator reader) and (relay repeater)   | US-PGPUB; USPAT        | OR | ON  | 2009/08/27 14:43 |
| S40 | 7700  | S39 and (package box enclosure)  | US-PGPUB; USPAT        | OR | ON  | 2009/08/27 14:44 |
| S41 | 3565  | S40 and @ad<="20040409"  | US-PGPUB; USPAT        | OR | ON  | 2009/08/27 14:44 |
| S42 | 517   | S41 and "340".clas.  | US-PGPUB; USPAT        | OR | ON  | 2009/08/27 14:44 |
| S43 | 172   | S41 and pallet   | US-PGPUB; USPAT        | OR | ON  | 2009/08/27 15:11 |
| S44 | 14    | ("20020071399"   "5103235"   "5825291"   "6107920"   "6147605"   "6147606"   "6870460").PN. OR ("7075437").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON  | 2009/08/27 16:10 |
| S45 | 8     | ("4107609"   "4468669"   "6107920"   "6259369"   "6340932"   "6384727").PN. OR ("7091859").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON  | 2009/08/27 16:15 |
| S46 | 50    | ("4663625"   "5572226"   "5745036"   "5822714"   "5929760"   "5929779"   "5959531"   "6094173"   "6204764"   "6285342").PN. OR ("6724308").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON  | 2009/08/27 16:20 |
| S47 | 73    | RFID and (relay with repeater)   | US-PGPUB; USPAT; USOCR | OR | ON  | 2009/08/27 17:24 |
| S48 | 1     | "20020021208".pn.  | US-PGPUB; USPAT        | OR | OFF | 2009/08/28 10:43 |
| S49 | 1     | "20040217867".pn.  | US-PGPUB; USPAT        | OR | ON  | 2009/08/28 11:10 |

|     |      |   |                        |    |     |                  |
|-----|------|---|------------------------|----|-----|------------------|
| S50 | 56   | (US-20080224831-\$ or US-20070205867-\$ or US-20050149414-\$ or US-20050149391-\$ or US-20050149387-\$ or US-20050128086-\$ or US-20050114154-\$ or US-20040174257-\$ or US-20040164302-\$ or US-20040128246-\$ or US-20040124983-\$ or US-20040103043-\$ or US-20040103034-\$ or US-20040100384-\$ or US-20040100383-\$ or US-20040100380-\$ or US-20030184495-\$ or US-20030122233-\$ or US-20030116790-\$ or US-20030075746-\$ or US-20020067267-\$ or US-20020041234-\$ or US-20030122479-\$ or US-20050001718-\$ or US-20040159708-\$ or US-20030071731-\$).did. or (US-20050190072-\$ or US-20040217867-\$ or US-20040135691-\$ or US-20050199731-\$ or US-20040245519-\$ or US-20040241934-\$ or US-20040021572-\$ or US-20030174099-\$ or US-20020041233-\$ or US-20020094639-\$ or US-20030132835-\$ or US-20020130778-\$ or US-20020021208-\$ or US-20020119770-\$).did. or (US-5748868-\$ or US-7259678-\$ or US-6982640-\$ or US-6774470-\$ or US-6325294-\$ or US-6304182-\$ or US-7126552-\$ or US-6509217-\$ or US-6168829-\$ or US-6133835-\$ or US-7091859-\$ or US-7075437-\$ or US-6724308-\$ or US-7256682-\$ or US-7180423-\$ or US-6563425-\$).did. | US-PGPUB; USPAT        | OR | ON  | 2009/08/28 13:21 |
| S51 | 45   | S50 and differ\$4   | US-PGPUB; USPAT        | OR | ON  | 2009/08/28 13:22 |
| S52 | 3941 | RFID with read\$4 with method   | US-PGPUB; USPAT        | OR | ON  | 2009/08/28 13:47 |
| S53 | 349  | S52 and microwave and induc\$5  | US-PGPUB; USPAT        | OR | ON  | 2009/08/28 13:47 |
| S54 | 3    | ((("20020021208") or ("20040217867") or ("20040245519")).PN.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/28 16:48 |
| S55 | 31   | ("5379455"   "5600333"   "6107910"   "6137403"   "6223990"   "6278413"   "6359444").PN. OR ("6563425").URPN.  | US-PGPUB; USPAT; USOCR | OR | ON  | 2010/01/21 15:33 |
| S56 | 5    | ((("6429776") or ("6696954") or ("6320169") or ("7004385") or ("7009519")).PN.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/01/21 15:46 |
| S57 | 3    | ((("6121878") or ("6118379") or ("6100804")).PN.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/01/21 17:39 |
| S58 | 1    | ("6563425").PN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/01/25 13:57 |
| S59 | 59   | (US-20080224831-\$ or US-20070205867-\$   | US-                    | OR | ON  | 2010/01/25       |

|     |       |  |                 |    |    |                  |
|-----|-------|--|-----------------|----|----|------------------|
|     |       | or US-20050149414-\$ or US-20050149391-\$ or US-20050149387-\$ or US-20050128086-\$ or US-20050114154-\$ or US-20040174257-\$ or US-20040164302-\$ or US-20040128246-\$ or US-20040124983-\$ or US-20040103043-\$ or US-20040103034-\$ or US-20040100384-\$ or US-20040100383-\$ or US-20040100380-\$ or US-20030184495-\$ or US-20030122233-\$ or US-20030116790-\$ or US-20030075746-\$ or US-20020067267-\$ or US-20020041234-\$ or US-20030122479-\$ or US-20050001718-\$ or US-20040159708-\$ or US-20030071731-\$).did. or (US-20050190072-\$ or US-20040217867-\$ or US-20040135691-\$ or US-20050199731-\$ or US-20040245519-\$ or US-20040241934-\$ or US-20040021572-\$ or US-20030174099-\$ or US-20020041233-\$ or US-20020094639-\$ or US-20030132835-\$ or US-20020130778-\$ or US-20020021208-\$ or US-20020119770-\$).did. or (US-5748868-\$ or US-7259678-\$ or US-6982640-\$ or US-6774470-\$ or US-6325294-\$ or US-6304182-\$ or US-7126552-\$ or US-6509217-\$ or US-6168829-\$ or US-6133835-\$ or US-7091859-\$ or US-7075437-\$ or US-6724308-\$ or US-7256682-\$ or US-7180423-\$ or US-6563425-\$ or US-6118379-\$ or US-6121878-\$ or US-6100804-\$).did. | PGPUB; USPAT    |    |    | 14:14            |
| S60 | 42    | S59 and communication  | US-PGPUB; USPAT | OR | ON | 2010/01/25 14:14 |
| S61 | 29774 | (RFID transponder tag) and (shipping transporting)   | US-PGPUB; USPAT | OR | ON | 2010/01/25 14:17 |
| S62 | 0     | S61 and (tag with to with tag)   | US-PGPUB; USPAT | OR | ON | 2010/01/25 14:18 |
| S64 | 16    | S61 and (tag-to-tag)   | US-PGPUB; USPAT | OR | ON | 2010/01/25 14:18 |
| S65 | 34058 | (Product warehouse) with management  | US-PGPUB; USPAT | OR | ON | 2010/01/25 14:20 |
| S66 | 8100  | S65 and (RFID transponder tag)   | US-PGPUB; USPAT | OR | ON | 2010/01/25 14:21 |
| S67 | 5717  | S66 and (enclosure box package)  | US-PGPUB; USPAT | OR | ON | 2010/01/25 14:21 |
| S68 | 2342  | S67 and @ad<="20040409"  | US-PGPUB; USPAT | OR | ON | 2010/01/25 14:22 |
| S69 | 1     | "6934540".pn.  | US-PGPUB; USPAT | OR | ON | 2010/01/25 14:35 |
| S70 | 97    | ("20010000019"   "20020039896"   | US-             | OR | ON | 2010/01/25       |

|     |     |   |                                  |    |    |                     |
|-----|-----|---|----------------------------------|----|----|---------------------|
|     |     | "20020098861"   "20020146985"  <br>"20030141973"   "20030179073"  <br>"20030209601"   "20040021572"  <br>"20040041731"   "20040100415"  <br>"20040135691"   "20040183673"  <br>"4613990"   "4680583"   "5040238"  <br>"5117501"   "5129096"   "5295154"  <br>"5331637"   "5369784"   "5425051"  <br>"5442758"   "5511232"   "5579306"  <br>"5590409"   "5604892"   "5652751"  <br>"5682379"   "5732077"   "5761195"  <br>"5833910"   "5890054"   "5907491"  <br>"5917423"   "5939982"   "5943610"  <br>"5950124"   "5974236"   "6005884"  <br>"6006100"   "6072784"   "6078789"  <br>"6091724"   "6097707"   "6104512"  <br>"6118988"   "6125306"   "6127976"  <br>"6134587"   "6192400"   "6201974"  <br>"6256303"   "6313745"   "6354493"  <br>"6381467"   "6405102"   "6409082"  <br>"6418299"   "6424260"   "6427913"  <br>"6529142"   "6547137"   "6600418"  <br>"6614349"   "6665585"   "6737974"  <br>"6753775").PN. OR ("6934540").URPN.  | PGPUB;<br>USPAT;<br>USOCR        |    |    | 14:35               |
| S71 | 146 | ("20010000019"   "20010050550"  <br>"20020039896"   "20020089434"  <br>"20020098861"   "20020119770"  <br>"20020146985"   "20030141973"  <br>"20030179073"   "20030209601"  <br>"20040021572"   "20040041731"  <br>"20040082296"   "20040100394"  <br>"20040100415"   "20040113790"  <br>"20040119588"   "20040135691"  <br>"20040183673"   "20040233041"  <br>"20050073406"   "20050087235"  <br>"20050090211"   "20050093702"  <br>"20050093703"   "20050128080"  <br>"20050146445"   "20050199716"  <br>"20050215280"   "20050226201"  <br>"20050270160"   "20060109106"  <br>"20060114102"   "20060135145"  <br>"20060164232"   "20060164239"  <br>"3805265"   "4613990"   "4680583"  <br>"4688244"   "4750197"   "4817537"  <br>"5040238"   "5117501"   "5129096"  <br>"5210540"   "5265025"   "5295154"  <br>"5331637"   "5369784"   "5400254"  <br>"5425051"   "5442758"   "5511232"  <br>"5565858"   "5579306"   "5590409"  <br>"5596652"   "5604892"   "5640151"  <br>"5652751"   "5682379"   "5686902"  <br>"5732077"   "5761195"   "5790946"  <br>"5793882"   "5833910"   "5862803"  <br>"5890054"   "5892441"   "5907491"  <br>"5917423"   "5939982"   "5943610"  <br>"5950124"   "5974236"   "5977913"  <br>"6005884"   "6006100"   "6072784"  <br>"6078789"   "6091724"   "6097707"  <br>"6104512"   "6118988"   "6125306"  <br>"6127928"   "6127976"   "6134587"  <br>"6192400"   "6198913"   "6201974"  <br>"6256303"   "6313745"   "6354493"  <br>"6360169"   "6381467"   "6404082"  <br>"6405102"   "6409082"   "6418299" | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/01/25<br>14:38 |

|     |     |  |                                  |    |     |                     |
|-----|-----|--|----------------------------------|----|-----|---------------------|
|     |     | "6424260"   "6424264"   "6427913"  <br>"6437692"   "6476708"   "6512478"  <br>"6529142"   "6542114"   "6547137"  <br>"6559620"   "6600418").PN. OR ("6611556"<br>  "6614349"   "6617962"   "6665585"  <br>"6720888"   "6737974"   "6745027"  <br>"6753775"   "6757262"   "6760578"  <br>"6761312"   "6765484"   "6816063"  <br>"6847892"   "6919803"   "6927688"  <br>"6934540"   "6940392"   "6975614"  <br>"7012529"   "7027773"   "7088229"  <br>"7098784"   "7126470"   "7133704"  <br>"7142121"   "7155264"   "7191934"  <br>"7196622"   "7200132"   "7209468"  <br>"7209771"   "7221668").PN.  |                                  |    |     |                     |
| S73 | 1   | "7348886".pn.  | US-<br>PGPUB;<br>USPAT           | OR | ON  | 2010/01/25<br>14:50 |
| S74 | 10  | ("5550547"   "5565858"   "5757923"  <br>"6422476"   "6641052"   "6774766"  <br>"6927688"   "6972682"   "7129837").PN.<br>OR ("7348886").URPN.  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2010/01/25<br>14:50 |
| S75 | 397 | RFID with relay  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2010/01/25<br>15:38 |
| S76 | 1   | "6563425".pn.  | US-<br>PGPUB;<br>USPAT           | OR | OFF | 2010/01/27<br>17:03 |
| S77 | 1   | "20040217867".pn.  | US-<br>PGPUB;<br>USPAT           | OR | OFF | 2010/01/27<br>17:04 |
| S78 | 64  | (US-20080224831-\$ or US-20070205867-\$<br>or US-20050149414-\$ or US-20050149391-\$<br>or US-20050149387-\$ or US-<br>20050128086-\$ or US-20050114154-\$ or<br>US-20040174257-\$ or US-20040164302-\$<br>or US-20040128246-\$ or US-20040124983-\$<br>or US-20040103043-\$ or US-<br>20040103034-\$ or US-20040100384-\$ or<br>US-20040100383-\$ or US-20040100380-\$<br>or US-20030184495-\$ or US-20030122233-\$<br>or US-20030116790-\$ or US-<br>20030075746-\$ or US-20020067267-\$ or<br>US-20020041234-\$ or US-20030122479-\$<br>or US-20050001718-\$ or US-20040159708-\$<br>or US-20030071731-\$).did. or (US-<br>20050190072-\$ or US-20040217867-\$ or<br>US-20040135691-\$ or US-20050199731-\$<br>or US-20040245519-\$ or US-20040241934-\$<br>or US-20040021572-\$ or US-<br>20030174099-\$ or US-20020041233-\$ or<br>US-20020094639-\$ or US-20030132835-\$<br>or US-20020130778-\$ or US-20020021208-\$<br>or US-20020119770-\$ or US-<br>20040082296-\$ or US-20090160646-\$).did.<br>or (US-5748868-\$ or US-7259678-\$ or US-<br>6982640-\$ or US-6774470-\$ or US-<br>6325294-\$ or US-6304182-\$ or US-<br>7126552-\$ or US-6509217-\$ or US-<br>6168829-\$ or US-6133835-\$ or US-<br>7091859-\$ or US-7075437-\$ or US- | US-<br>PGPUB;<br>USPAT           | OR | ON  | 2010/01/27<br>17:04 |



|     |    |   |                    |    |    |                     |
|-----|----|---|--------------------|----|----|---------------------|
|     |    | 6724308-\$ or US-7256682-\$ or US-7180423-\$ or US-6563425-\$ or US-6118379-\$ or US-6121878-\$ or US-6100804-\$ or US-6972682-\$ or US-6927688-\$ or US-5550547-\$).did.   |                    |    |    |                     |
| S79 | 37 | S78 and film  | US-PGPUB;<br>USPAT | OR | ON | 2010/01/27<br>17:04 |
| S80 | 64 | (US-20080224831-\$ or US-20070205867-\$ or US-20050149414-\$ or US-20050149391-\$ or US-20050149387-\$ or US-20050128086-\$ or US-20050114154-\$ or US-20040174257-\$ or US-20040164302-\$ or US-20040128246-\$ or US-20040124983-\$ or US-20040103043-\$ or US-20040103034-\$ or US-20040100384-\$ or US-20040100383-\$ or US-20040100380-\$ or US-20030184495-\$ or US-20030122233-\$ or US-20030116790-\$ or US-20030075746-\$ or US-20020067267-\$ or US-20020041234-\$ or US-20030122479-\$ or US-20050001718-\$ or US-20040159708-\$ or US-20030071731-\$).did. or (US-20050190072-\$ or US-20040217867-\$ or US-20040135691-\$ or US-20050199731-\$ or US-20040245519-\$ or US-20040241934-\$ or US-20040021572-\$ or US-20030174099-\$ or US-20020041233-\$ or US-20020094639-\$ or US-20030132835-\$ or US-20020130778-\$ or US-20020021208-\$ or US-20020119770-\$ or US-20040082296-\$ or US-20090160646-\$).did. or (US-5748868-\$ or US-7259678-\$ or US-6982640-\$ or US-6774470-\$ or US-6325294-\$ or US-6304182-\$ or US-7126552-\$ or US-6509217-\$ or US-6168829-\$ or US-6133835-\$ or US-7091859-\$ or US-7075437-\$ or US-6724308-\$ or US-7256682-\$ or US-7180423-\$ or US-6563425-\$ or US-6118379-\$ or US-6121878-\$ or US-6100804-\$ or US-6972682-\$ or US-6927688-\$ or US-5550547-\$).did. | US-PGPUB;<br>USPAT | OR | ON | 2010/01/28<br>10:11 |
| S81 | 42 | S80 and battery   | US-PGPUB;<br>USPAT | OR | ON | 2010/01/28<br>10:11 |
| S82 | 23 | S81 and (CPU processor)   | US-PGPUB;<br>USPAT | OR | ON | 2010/01/28<br>10:12 |
| S83 | 37 | S81 and memory  | US-PGPUB;<br>USPAT | OR | ON | 2010/01/28<br>10:12 |
| S84 | 23 | S82 and S83   | US-PGPUB;<br>USPAT | OR | ON | 2010/01/28<br>10:12 |
| S85 | 3  | ("6121878" "6118379" "6100804").pn.   | US-PGPUB;<br>USPAT | OR | ON | 2010/01/28<br>10:19 |
| S86 | 2  | S85 and battery   | US-PGPUB;<br>USPAT | OR | ON | 2010/01/28<br>10:19 |

|     |      |  |                        |    |     |                  |
|-----|------|--|------------------------|----|-----|------------------|
| S87 | 1    | S86 and (CPU processor)  | US-PGPUB; USPAT        | OR | ON  | 2010/01/28 10:19 |
| S88 | 4    | ((("6563425") or ("6100804") or ("20040217867") or ("20040245519"))).PN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/01/28 10:31 |
| S90 | 1    | "6934540".pn.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/05 14:27 |
| S91 | 106  | ("20010000019"   "20020039896"   "20020098861"   "20020146985"   "20030141973"   "20030179073"   "20030209601"   "20040021572"   "20040041731"   "20040100415"   "20040135691"   "20040183673"   "4613990"   "4680583"   "5040238"   "5117501"   "5129096"   "5295154"   "5331637"   "5369784"   "5425051"   "5442758"   "5511232"   "5579306"   "5590409"   "5604892"   "5652751"   "5682379"   "5732077"   "5761195"   "5833910"   "5890054"   "5907491"   "5917423"   "5939982"   "5943610"   "5950124"   "5974236"   "6005884"   "6006100"   "6072784"   "6078789"   "6091724"   "6097707"   "6104512"   "6118988"   "6125306"   "6127976"   "6134587"   "6192400"   "6201974"   "6256303"   "6313745"   "6354493"   "6381467"   "6405102"   "6409082"   "6418299"   "6424260"   "6427913"   "6529142"   "6547137"   "6600418"   "6614349"   "6665585"   "6737974"   "6753775").PN. OR ("6934540").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/05 14:27 |
| S92 | 1902 | RFID and (thin with film with transistor)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/05 14:52 |
| S93 | 145  | S92 and @ad<="20040409"  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/05 14:52 |
| S94 | 2397 | (transponder RFID) and ((thin with film with transistor) TFT)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/05 15:21 |
| S95 | 243  | S94 and @ad<="20040409"  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/05 15:21 |
| S96 | 98   | S95 and (label packa\$4)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/05 15:22 |
| S97 | 75   | ("20010015256"   "20010045559"   "20010055854"   "20020016028"   "20020027247"   "20020042167"   "20020084459"   "20020094639"   "20020146893"   "20020192886"   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/05 15:28 |

|      |      |  |                                  |    |     |                     |
|------|------|--|----------------------------------|----|-----|---------------------|
|      |      | "20030024635"   "20030032210"  <br>"20030062519"   "20030064569"  <br>"20030082889"   "20040053480"  <br>"20040128246"   "20040129450"  <br>"20040155317"   "20040232459"  <br>"20040256644"   "20050106839"  <br>"20050218926"   "20060030122"  <br>"20060060852"   "20060263952"  <br>"20100006776"   "5347154"   "5486708"  <br>"5572045"   "5618739"   "5643804"  <br>"5728591"   "5773327"   "5985741"  <br>"6004831"   "6127199"   "6133835"  <br>"6232621"   "6312795"   "6313481"  <br>"6331722"   "6372608"   "6413842"  <br>"6436520"   "6509217"   "6528382"  <br>"6559905"   "6621099"   "6646711"  <br>"6703267"   "6729922"   "6770904"  <br>"6777529"   "6795339"   "6806918"  <br>"6814832"   "6821348"   "6850080"  <br>"6878643"   "6885032"   "6887650"  <br>"6891391"   "6900861"   "6979840"  <br>"7050125"   "7063999"   "7067843"  <br>"7088145"   "7105365"   "7180091"  <br>"7202495"   "7396712"   "7442957"  <br>"7532018").PN. |                                  |    |     |                     |
| S98  | 71   | S97 and (thin adj film)  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/05<br>15:28 |
| S99  | 1    | "20040164302".pn.  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/05<br>15:35 |
| S101 | 1617 | (thin with film) and arai.inv.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/05<br>15:36 |
| S104 | 1    | "20060221356".pn.  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/05<br>16:44 |
| S105 | 1    | "20040082296".pn.  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/05<br>17:14 |
| S106 | 1    | S105 and ((NIM "140") with reader)   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/05<br>17:14 |
| S107 | 43   | ("5379455"   "5600333"   "6107910"  <br>"6137403"   "6223990"   "6278413"  <br>"6359444").PN. OR ("6563425").URPN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/15<br>10:27 |
| S108 | 162  | (passive adj2 (RFID tag)) and ((antenna<br>with coil) with capacitor)  | US-<br>PGPUB;<br>USPAT           | OR | OFF | 2010/10/15<br>11:47 |
| S109 | 61   | S108 and @ad<="20040409"   | US-<br>PGPUB;<br>USPAT           | OR | OFF | 2010/10/15<br>11:48 |
| S110 | 3    | S109 and film  | US-                              | OR | OFF | 2010/10/15          |

|      |     |   |                        |    |     |                     |
|------|-----|---|------------------------|----|-----|---------------------|
|      |     |   | PGPUB;<br>USPAT        |    |     | 11:49               |
| S111 | 0   | S110 and transistor   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2010/10/15<br>11:51 |
| S112 | 25  | S109 and transistor   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2010/10/15<br>11:52 |
| S113 | 42  | S108 and film   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2010/10/15<br>11:53 |
| S115 | 23  | S108 and polymer  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2010/10/15<br>11:55 |
| S116 | 3   | S115 and @ad<="20040409"  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2010/10/15<br>11:55 |
| S117 | 110 | (passive adj2 (RFID tag)) and (transistor<br>with (film polymer))   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2010/10/15<br>11:58 |
| S119 | 12  | S117 and @ad<="20040409"  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2010/10/15<br>11:58 |
| S120 | 6   | S109 and (encoder reapeater)  | US-<br>PGPUB;<br>USPAT | OR | OFF | 2010/10/15<br>13:14 |
| S121 | 66  | (US-20080224831-\$ or US-20070205867-\$<br>or US-20050149414-\$ or US-20050149391-\$<br>or US-20050149387-\$ or US-20050128086-\$<br>or US-20050114154-\$ or US-20040174257-\$<br>or US-20040164302-\$ or US-20040128246-\$<br>or US-20040124983-\$ or US-20040103043-\$<br>or US-20040103034-\$ or US-20040100384-\$<br>or US-20040100383-\$ or US-20040100380-\$<br>or US-20030184495-\$ or US-20030122233-\$<br>or US-20030116790-\$ or US-20030075746-\$<br>or US-20020067267-\$ or US-20020041234-\$<br>or US-20030122479-\$ or US-20050001718-\$<br>or US-20040159708-\$ or US-20030071731-\$).<br>did. or (US-20050190072-\$ or US-20040217867-\$<br>or US-20040135691-\$ or US-20050199731-\$<br>or US-20040245519-\$ or US-20040241934-\$<br>or US-20040021572-\$ or US-20030174099-\$<br>or US-20020041233-\$ or US-20020094639-\$<br>or US-20030132835-\$ or US-20020130778-\$<br>or US-20020021208-\$ or US-20020119770-\$<br>or US-20040082296-\$ or US-20090160646-\$).<br>did. or (US-5748868-\$ or US-7259678-\$ or US-<br>6982640-\$ or US-6774470-\$ or US-6325294-\$<br>or US-6304182-\$ or US-7126552-\$ or US-6509217-\$<br>or US-6168829-\$ or US-6133835-\$ or US-7091859-\$<br>or US-7075437-\$ or US-6724308-\$ or US-7256682-\$<br>or US-7180423-\$ or US-6563425-\$ or US-6118379-\$<br>or US-6121878-\$ or US-6100804-\$ or US-6972682-\$<br>or US-6927688-\$ or US-5550547-\$ or US- | US-<br>PGPUB;<br>USPAT | OR | OFF | 2010/10/15<br>13:27 |

|      |      |  |                        |    |     |                  |
|------|------|--|------------------------|----|-----|------------------|
|      |      | 6821348-\$ or US-5643804-\$).did.  |                        |    |     |                  |
| S122 | 55   | S121 and (optic\$4 electromag\$5 microwave coupling induction)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/15 13:28 |
| S123 | 1    | "7505789".pn.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/15 15:48 |
| S124 | 14   | ("20040041262"   "20040074974"   "20050093701"   "20050212707"   "20060122007"   "20060267778"   "20070132591"   "5124714"   "6158383"   "6473047"   "6809691"   "7050017"   "7088249"   "7215295").PN. OR ("7505789").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/15 15:49 |
| S125 | 1238 | (RFID transponder) and (poly\$4 film) and (antenna and capacitor and transistor)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/15 17:06 |
| S126 | 251  | S125 and @ad<="20040409"   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/15 17:07 |
| S127 | 5    | S126 and (antenna with capacitor with transistor)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/15 17:10 |
| S128 | 1    | "20050023476".pn.  | US-PGPUB; USPAT        | OR | OFF | 2010/10/18 09:27 |
| S129 | 1238 | (RFID transponder) and (poly\$4 film) and (antenna and capacitor and transistor)   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/18 09:46 |
| S131 | 127  | S129 and coil adj antenna  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/18 09:46 |
| S133 | 36   | S131 and @ad<="20040409"   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/18 09:47 |
| S134 | 171  | S129 and (relay repeater)  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/18 09:49 |
| S135 | 49   | S134 and @ad<="20040409"   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/18 09:49 |
| S136 | 4    | S135 and coil adj antenna  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/18 09:50 |
| S137 | 88   | ("20010006368"   "20010054082"   "20020038267"   "20020041233"   "20020044096"   "20020149481"   "4375642"   "4560978"   "4694283"   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/10/18 10:01 |

|      |       |   |                                  |    |     |                     |
|------|-------|---|----------------------------------|----|-----|---------------------|
|      |       | "4703327"   "4827395"   "5136719"  <br>"5268695"   "5347280"   "5406297"  <br>"5434775"   "5461385"   "5602556"  <br>"5629981"   "5640002"   "5661457"  <br>"5727153"   "5729236"   "5751220"  <br>"5751256"   "5777561"   "5786763"  <br>"5798693"   "5800724"   "5825814"  <br>"5884278"   "5902437"   "5963173"  <br>"6002344"   "6037879"   "6046683"  <br>"6055509"   "6057756"   "6058374"  <br>"6069564"   "6094173"   "6105002"  <br>"6112988"   "6137447"   "6150921"  <br>"6154137"   "6166706"   "6172596"  <br>"6173891"   "6204764"   "6259991"  <br>"6286762"   "6317650"   "6320556"  <br>"6335686"   "6339762"   "6341269"  <br>"6351215"   "6354495"   "6395373"  <br>"6398105"   "6400272"   "6462656"  <br>"6600418"   "6600420"   "6686830"  <br>"6714121"   "6747560").PN. OR<br>("7084769").URPN. |                                  |    |     |                     |
| S138 | 15511 | (RFID transponder) and (poly\$4 film TFT)   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/18<br>10:02 |
| S139 | 10009 | S138 and (coil with2 antenna)   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/18<br>10:03 |
| S140 | 2335  | S139 and @ad<="20040409"  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/18<br>10:03 |
| S141 | 366   | S140 and transistor   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/18<br>10:03 |
| S142 | 268   | S141 and capacitor  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/18<br>10:03 |
| S143 | 53    | S142 and (relay repeater)   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/18<br>10:03 |
| S145 | 34463 | circuit with (thin adj film)  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/18<br>10:08 |
| S146 | 310   | S145 and (antenna adj coil)   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/18<br>10:08 |
| S147 | 239   | S146 and capacitor  | US-<br>PGPUB;<br>USPAT           | OR | OFF | 2010/10/18<br>10:09 |
| S148 | 51    | S147 and @ad<="20040409"  | US-<br>PGPUB;<br>USPAT           | OR | OFF | 2010/10/18<br>10:09 |
| S149 | 15    | S148 and transistor   | US-                              | OR | OFF | 2010/10/18          |

|      |       |   |                                  |    |     |                     |
|------|-------|---|----------------------------------|----|-----|---------------------|
|      |       |   | PGPUB;<br>USPAT                  |    |     | 10:11               |
| S150 | 10489 | (RFID transponder tag) and (thin adj film)  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/18<br>10:27 |
| S151 | 3878  | (RFID transponder tag) and ((thin adj film<br>adj transistor) TFT)                  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/18<br>10:29 |
| S152 | 1983  | S151 and antenna  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/18<br>10:29 |
| S154 | 161   | S152 and @ad<= "20040409"   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/18<br>10:30 |
| S155 | 1     | "20070176773".pn.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/18<br>10:52 |
| S157 | 1     | "20040082296".pn.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/18<br>11:43 |
| S158 | 4     | ((("20040082296") or ("20050001718") or<br>("20040164302") or ("20070176773"))).PN. | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/18<br>13:01 |
| S159 | 3461  | 455/41.2.ccls.  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/18<br>13:04 |
| S160 | 131   | 340/539.3.ccls.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/18<br>13:05 |
| S161 | 3967  | 257/72.ccls.  | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/10/18<br>13:05 |
| S162 | 1     | "20040082296".pn.   | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2011/02/26<br>12:47 |
| S163 | 1     | S162 and (("110" with "130") (RFT with<br>LPRF))                                    | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2011/02/26<br>12:48 |
| S164 | 4     | ((("20040082296") or ("20050001718") or<br>("20040164302") or ("20070176773"))).PN. | US-<br>PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2011/12/01<br>13:18 |
| S165 | 3     | S164 and capacitor  | US-<br>PGPUB;<br>USPAT           | OR | ON  | 2011/12/01<br>13:18 |
| S166 | 1     | "20080224831".pn.   | US-                              | OR | OFF | 2011/12/01          |

|      |   |                               |                        |    |     |                     |
|------|---|-------------------------------|------------------------|----|-----|---------------------|
|      |   |                               | PGPUB;<br>USPAT        |    |     | 13:20               |
| S167 | 1 | S166 and first with capacitor | US-<br>PGPUB;<br>USPAT | OR | OFF | 2011/12/01<br>13:20 |
| S168 | 1 | "20030122233"                 | US-<br>PGPUB;<br>USPAT | OR | OFF | 2011/12/01<br>13:39 |

**3/ 21/ 2012 4:03:47 PM**  
**C:\ Users\ jwang3\ Documents\ EAST\ Workspaces\ 10594308.wsp**